

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L9 and (chain near3 termin\$)	41

Database:

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Search:

L13

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Thursday, March 14, 2002 [Printable Copy](#) [Create Case](#)

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS	4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS	5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS	6	Oct 22	Over 1 million reactions added to CASREACT
NEWS	7	Oct 22	DGENE GETSIM has been improved
NEWS	8	Oct 29	AAASD no longer available
NEWS	9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS	10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS	11	Nov 29	COPPERLIT now available on STN
NEWS	12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS	13	Nov 30	Files VETU and VETB to have open access
NEWS	14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS	15	Dec 10	DGENE BLAST Homology Search
NEWS	16	Dec 17	WELDASEARCH now available on STN
NEWS	17	Dec 17	STANDARDS now available on STN
NEWS	18	Dec 17	New fields for DPCI
NEWS	19	Dec 19	CAS Roles modified
NEWS	20	Dec 19	1907-1946 data and page images added to CA and CAPlus
NEWS	21	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	22	Jan 25	Searching with the P indicator for Preparations
NEWS	23	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	24	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	25	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	26	Mar 08	Gene Names now available in BIOSIS
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:14:42 ON 14 MAR 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 15:14:51 ON 14 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 12 MAR 2002 HIGHEST RN 400707-37-1

DICTIONARY FILE UPDATES: 12 MAR 2002 HIGHEST RN 400707-37-1

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
CAS Registry Numbers that were added to the H/Z/CA/CAplus files between
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches
during this period, either directly appended to a CAS Registry Number
or by qualifying an L-number with /P, may have yielded incomplete results.
As of 1/23/02, the situation has been resolved. Also, note that searches
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files
incorporating CAS Registry Numbers with the P indicator between 12/27/01
and 1/23/02, are encouraged to re-run these strategies. Contact the
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> s 5124-30-1/rn

L1 1 5124-30-1/RN

=> s 109-83-1

L2 1 109-83-1
(109-83-1/RN)

=> s 25322-68-3/rn

L3 1 25322-68-3/RN

=> d L3

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 25322-68-3 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX

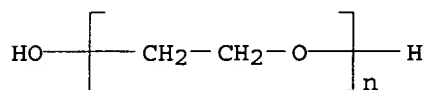
NAME)
OTHER NAMES:
CN .alpha.,.omega.-Hydroxypoly(ethylene oxide)
CN .alpha.-Hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl)
CN .alpha.-Hydro-.omega.-hydroxypoly(oxyethylene)
CN 1,2-Ethanediol, homopolymer
CN 16600
CN 1660S
CN 57: PN: WO0185782 FIGURE: 18 claimed sequence
CN Alkox
CN Alkox E 100
CN Alkox E 130
CN Alkox E 160
CN Alkox E 240
CN Alkox E 30
CN Alkox E 45
CN Alkox E 60
CN Alkox E 75
CN Alkox R 1000
CN Alkox R 15
CN Alkox R 150
CN Alkox R 400
CN Alkox SR
CN Antarox E 4000
CN Aquacide III
CN Aquaffin
CN Badimol
CN BDH 301
CN Bradsyn PEG
CN Breox 2000
CN Breox 20M
CN Breox 4000
CN Breox 550
CN Breox PEG 300
CN CAFO 154
CN Carbowax
CN Carbowax 100
CN Carbowax 1000
CN Carbowax 1350
CN Carbowax 14000
CN Carbowax 1500
CN Carbowax 1540
CN Carbowax 20
CN Carbowax 200
CN Carbowax 20000
CN Carbowax 25000
CN Carbowax 300
CN Carbowax 3350
CN Carbowax 400
CN Carbowax 4000
CN Carbowax 4500
CN Carbowax 4600

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

AR 9002-90-8
DR 12676-74-3, 12770-93-3, 9081-95-2, 9085-02-3, 9085-03-4, 54510-95-1,
125223-68-9, 54847-64-2, 59763-40-5, 64441-68-5, 64640-28-4, 133573-31-6,
25104-58-9, 25609-81-8, 134919-43-0, 101677-86-5, 99264-61-6,
106186-24-7,
112895-21-3, 114323-93-2, 50809-04-6, 50809-59-1, 119219-06-6,
60894-12-4,

61840-14-0, 37361-15-2, 112384-37-9, 70926-57-7, 75285-02-8, 75285-03-9,
 77986-38-0, 150872-82-5, 154394-38-4, 79964-26-4, 80341-53-3, 85399-22-0,
 85945-29-5, 88747-22-2, 34802-42-1, 107502-63-6, 107529-96-4,
 116549-90-7,
 156948-19-5, 169046-53-1, 188364-77-4, 188924-03-0, 189154-62-9,
 191743-71-2, 201163-43-1, 206357-86-0, 221638-71-7, 225502-44-3,
 270910-26-4, 307928-07-0, 356055-70-4, 391229-98-4

MF (C2 H4 O)_n H2 O
 CI PMS, COM
 PCT Polyether
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
 CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
 HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
 PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN,
 USPAT2, USPATFULL, VETU, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)



60361 REFERENCES IN FILE CA (1967 TO DATE)
 16216 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 60522 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:14:42 ON 14 MAR 2002)

FILE 'REGISTRY' ENTERED AT 15:14:51 ON 14 MAR 2002

L1 1 S 5124-30-1/RN
 L2 1 S 109-83-1
 L3 1 S 25322-68-3/RN

=> s 108-01-0/rn
 L4 1 108-01-0/RN

=> s 112-89-0/rn
 L5 1 112-89-0/RN

=> s L2 or L4
 L6 2 L2 OR L4

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.18

3.33

FILE 'CAPLUS' ENTERED AT 15:17:36 ON 14 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 14 Mar 2002 VOL 136 ISS 11
FILE LAST UPDATED: 12 Mar 2002 (20020312/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

=> s L1 and L3 and L6 and L5

925 L1
60676 L3
6147 L6
739 L5

L7 0 L1 AND L3 AND L6 AND L5

=> s L1 and L3 and L5

925 L1
60676 L3
739 L5

L8 0 L1 AND L3 AND L5

=> s L1 and L3

925 L1
60676 L3

L9 71 L1 AND L3

=> s L9 and polyurethane

94831 POLYURETHANE
56203 POLYURETHANES
107138 POLYURETHANE
(POLYURETHANE OR POLYURETHANES)

L10 51 L9 AND POLYURETHANE

=> s L10 and cosmetic

39110 COSMETIC
37681 COSMETICS
51744 COSMETIC
(COSMETIC OR COSMETICS)

L11 1 L10 AND COSMETIC

=> d L11 ibib,abs,kwic

L11 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:452827 CAPLUS

DOCUMENT NUMBER: 135:50859

TITLE: Composition associating two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers

INVENTOR(S): Legrand, Frederic

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001043708	A1	20010621	WO 2000-FR3140	20001110
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
FR 2802095	A1	20010615	FR 1999-15681	19991213
FR 2802095	B1	20020118		

PRIORITY APPLN. INFO.: FR 1999-15681 A 19991213

OTHER SOURCE(S): MARPAT 135:50859

AB The invention concerns a compn. for bleaching or permanent deformation of keratinous fibers, in particular human keratinous fibers such as hair, comprising, in a medium suitable for bleaching or permanent waving, at least a reducing agent and addnl. at least two specific **polyurethane** polyethers. The invention also concerns methods and devices for bleaching and permanent waving of keratinous fibers using

said

comps. Thus, a hair bleach compn. comprises (in g) citric acid 7.4, trisodium citrate dihydrate 1, hydroxyethylcellulose 1.5, 2-oxoglutaric acid 0.8, sodium ascorbate 5.7, L-cysteine 2, Aculyln-44 0.1, Aculyln-46 0.2, magnesium sulfate 1, and water q.s. to 100 g.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

TI Composition associating two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers

AB The invention concerns a compn. for bleaching or permanent deformation of keratinous fibers, in particular human keratinous fibers such as hair, comprising, in a medium suitable for bleaching or permanent waving, at least a reducing agent and addnl. at least two specific **polyurethane** polyethers. The invention also concerns methods and devices for bleaching and permanent waving of keratinous fibers using

said

comps. Thus, a hair bleach compn. comprises (in g) citric acid 7.4, trisodium citrate dihydrate 1, hydroxyethylcellulose 1.5, 2-oxoglutaric acid 0.8, sodium ascorbate 5.7, L-cysteine 2, Aculyln-44 0.1, Aculyln-46

0.2, magnesium sulfate 1, and water q.s. to 100 g.

ST hair bleach permanent wave **polyurethane** polyether

IT Fatty acids, reactions
 RL: RCT (Reactant)
 (C8-30; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Carboxylic acids, reactions
 RL: RCT (Reactant)
 (acidifying agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Carbonates, reactions
 RL: RCT (Reactant)
 (alkalizing agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Alcohols, reactions
 RL: RCT (Reactant)
 (amino, alkalizing agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Polymers, biological studies
 RL: BUU (Biological use, unclassified); RCT (Reactant); BIOL (Biological study); USES (Uses)
 (amphoteric; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Hair preparations
 (bleaches; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Polyelectrolytes
 (cationic; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Binders
 Hair
 Lubricants
 Reducing agents
 Shampoos
 Thickening agents
 pH
 (compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Clays, biological studies
 Polyoxyalkylenes, biological studies
 Waxes
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Keratins
 RL: PEP (Physical, engineering or chemical process); RCT (Reactant); PROC (Process)
 (compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Carbohydrates, reactions
 Polyoxyalkylenes, reactions
 Sulfonic acids, reactions
 RL: RCT (Reactant)
 (compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Hair preparations
 (conditioners; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Isocyanates
 RL: RCT (Reactant)
 (diisocyanates; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Liquids
 (oils; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Solvents
 (org.; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Hair preparations
 (permanent wave; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT **Polyurethanes**, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (polyether-; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (polyhydric, stearates; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Quaternary ammonium compounds, biological studies
 RL: BUU (Biological use, unclassified); RCT (Reactant); BIOL (Biological study); USES (Uses)
 (polymeric; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT **Cosmetics**
 (powders; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Sulfites
 RL: RCT (Reactant)
 (reducing agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Alkali metals, biological studies
 Alkaline earth metals
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (stearates; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT Gums and Mucilages
 (thickening agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT 50-21-5, Lactic acid, reactions 77-92-9, Citric acid, reactions 87-69-4, Tartaric acid, reactions 7647-01-0, Hydrochloric acid, reactions 7664-38-2, Orthophosphoric acid, reactions
 RL: RCT (Reactant)
 (acidifying agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT 102-71-6, Triethanolamine, reactions 111-42-2, Diethanolamine, reactions 141-43-5, Monoethanolamine, reactions 7664-41-7, ammonia, reactions
 RL: RCT (Reactant)
 (alkalizing agent; compn. assocg. two **polyurethane** polyethers for bleaching or permanent deformation of keratinous fibers)

IT 57-11-4D, Stearic acid, polyol derivs. 88-12-0, biological studies 7631-86-9, Silica, biological studies 13463-67-7, Titanium oxide, biological studies

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
 BIOL (Biological study); USES (Uses)
 (compn. assocg. two **polyurethane** polyethers for bleaching or
 permanent deformation of keratinous fibers)

IT 193487-42-2, aculyn 44 233265-18-4, aculyn 46
 RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
 chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
 (compn. assocg. two **polyurethane** polyethers for bleaching or
 permanent deformation of keratinous fibers)

IT 79-10-7D, Acrylic acid, copolymers 56289-02-2D, Diallylammonium,
 dialkyl
 derivs. 68393-49-7 223104-80-1
 RL: BUU (Biological use, unclassified); RCT (Reactant); BIOL (Biological
 study); USES (Uses)
 (compn. assocg. two **polyurethane** polyethers for bleaching or
 permanent deformation of keratinous fibers)

IT 75-21-8, Ethylene oxide, reactions 112-92-5, Stearyl alcohol
 334-48-5,
 Decylic acid 5124-30-1, Methylene bis(4-cyclohexylisocyanate)
 9050-36-6, Maltodextrin 25322-68-3, Polyethylene glycol
 RL: RCT (Reactant)
 (compn. assocg. two **polyurethane** polyethers for bleaching or
 permanent deformation of keratinous fibers)

IT 50-81-7, Ascorbic acid, reactions 52-90-4, Cysteine, reactions
 60-23-1, Cysteamine 68-11-1, Thioglycolic acid, reactions 79-42-5,
 Thiolactic acid 89-65-6, Erythorbic acid
 RL: RCT (Reactant)
 (reducing agent; compn. assocg. two **polyurethane** polyethers
 for bleaching or permanent deformation of keratinous fibers)

IT 9000-30-0, Guar gum 9004-34-6, Cellulose, biological studies
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);
 BIOL (Biological study); USES (Uses)
 (thickening agent; compn. assocg. two **polyurethane** polyethers
 for bleaching or permanent deformation of keratinous fibers)

=> d his

(FILE 'HOME' ENTERED AT 15:14:42 ON 14 MAR 2002)

FILE 'REGISTRY' ENTERED AT 15:14:51 ON 14 MAR 2002

L1 1 S 5124-30-1/RN
 L2 1 S 109-83-1
 L3 1 S 25322-68-3/RN
 L4 1 S 108-01-0/RN
 L5 1 S 112-89-0/RN
 L6 2 S L2 OR L4

FILE 'CAPLUS' ENTERED AT 15:17:36 ON 14 MAR 2002

L7 0 S L1 AND L3 AND L6 AND L5
 L8 0 S L1 AND L3 AND L5
 L9 71 S L1 AND L3
 L10 51 S L9 AND POLYURETHANE
 L11 1 S L10 AND COSMETIC

=> s L10 and thicken

1026 THICKEN
 713 THICKENS
 1720 THICKEN
 (THICKEN OR THICKENS)

L12 0 L10 AND THICKEN

=> s L10 and thick?
580187 THICK?

L13 6 L10 AND THICK?

=> d L13 1-6 ibib,abs

L13 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:816801 CAPLUS

DOCUMENT NUMBER: 135:359217

TITLE: Active energy-curable aqueous coating compositions,
metal materials coated therewith, their manufacture
and bonding method

INVENTOR(S): Tanaka, Shigehiro; Takase, Masanori; Matsuo, Hiroshi

PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Japan

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083627	A1	20011108	WO 2001-JP3609	20010426
W: AU, BR, CN, KR, MX, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
JP 2002012797	A2	20020115	JP 2001-122646	20010420

PRIORITY APPLN. INFO.: JP 2000-127595 A 20000427

AB Title compns., with good solvent resistance, contain (a) aq. resins
contg. phosphate ester and ethylenic unsatd. groups and/or (b) ethyleneic
unsatd. group-contg. phosphate esters and aq. resins contg. ethylenic unsatd.
groups and are applied on metals to a **thickness** of .ltoreq.3
.mu.m. A galvanized steel plate was coated with an aq. compn. contg.
Kayamer PM 21 and an unsatd. group-contg. **polyurethane** [prepd.
from OD-X 2155, castor oil, Takenate 600, 2,2-bis(hydroxymethyl)butanoic
acid, G 201P, butylethylpropanediol, hydrogenated MDI, and
polyoxyethylene] and cured with UV to form a 1-.mu.m film showing good
adhesion to the steel plate and good MEK or EtOH resistance.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR
THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L13 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:452827 CAPLUS

DOCUMENT NUMBER: 135:50859

TITLE: Composition associating two **polyurethane**
polyethers for bleaching or permanent deformation of
keratinous fibers

INVENTOR(S): Legrand, Frederic

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001043708	A1	20010621	WO 2000-FR3140	20001110
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2802095	A1	20010615	FR 1999-15681	19991213
FR 2802095	B1	20020118		

PRIORITY APPLN. INFO.: FR 1999-15681 A 19991213

OTHER SOURCE(S): MARPAT 135:50859

AB The invention concerns a compn. for bleaching or permanent deformation of keratinous fibers, in particular human keratinous fibers such as hair, comprising, in a medium suitable for bleaching or permanent waving, at least a reducing agent and addnl. at least two specific **polyurethane** polyethers. The invention also concerns methods and devices for bleaching and permanent waving of keratinous fibers using said

compns. Thus, a hair bleach compn. comprises (in g) citric acid 7.4, trisodium citrate dihydrate 1, hydroxyethylcellulose 1.5, 2-oxoglutaric acid 0.8, sodium ascorbate 5.7, L-cysteine 2, Aculyn-44 0.1, Aculyn-46 0.2, magnesium sulfate 1, and water q.s. to 100 g.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L13 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:450870 CAPLUS

DOCUMENT NUMBER: 135:50857

TITLE: Composition containing a mixture of two **polyurethane** polyethers for decoloring keratinic fibers

INVENTOR(S): Legrand, Frederic

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 23 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1108418	A1	20010620	EP 2000-403211	20001117
R:				
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2802094	A1	20010615	FR 1999-15678	19991213
FR 2802094	B1	20020118		
CN 1302601	A	20010711	CN 2000-137313	20001212
BR 2000006480	A	20010717	BR 2000-6480	20001212
JP 2001199853	A2	20010724	JP 2000-378101	20001212
US 2001021376	A1	20010913	US 2000-734732	20001213

PRIORITY APPLN. INFO.:

FR 1999-15678

A 19991213

OTHER SOURCE(S):

MARPAT 135:50857

AB A compn. for removing hair color is disclosed which comprises, in a milieu

appropriate for decoloring, at least one oxidizing agent and at least one combination of two **polyurethane** polyethers. Said **polyurethane** polyether may be obtained by polycondensation of a polyethyleneglycol, stearyl alc., and methylene bis(4-cyclohexylisocyanate). Thus, a bleach comprises cetareth 30 2.2 g, Aculyn 44 0.1 g, Aculyn 46 0.2 g, stabilizers q.s., hydrogen peroxide up to 30 vols. 18 g, phosphoric acid q.s. to pH 2.5, distd. water q.s. to

100

g total.

REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L13 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:612186 CAPLUS

DOCUMENT NUMBER: 133:208984

TITLE: Polyester polyamide fiber-based **polyurethane** laminate for artificial leather

INVENTOR(S): Ikebukuro, Kazunari

PATENT ASSIGNEE(S): Kuraray Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
JP 2000239974	A2	20000905	JP 1999-39943	19990218

AB The laminate comprises a surface layer of a **polyurethane** (**thickness** 30-400 .mu.m), (A) an intermediate layer of a nonwoven porous polyamide fiber (fineness 0.1-0.0001 deniers)-impregnated **polyurethane** and (B) an inner layer of a nonwoven porous polyester fiber (fineness 0.1-0.0001 deniers)-impregnated **polyurethane**, wherein the **thickness** ratio of A/B is 0.5-5.

L13 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:609895 CAPLUS

DOCUMENT NUMBER: 133:322487

TITLE: Behavior of branched-terminal, hydrophobe-modified, ethoxylated urethanes

AUTHOR(S): Elliott, Peter T.; Xing, Linlin; Wetzal, Wylie H.; Glass, J. Edward

CORPORATE SOURCE: Polymers and Coatings Department, North Dakota State University, Fargo, ND, 58105, USA

SOURCE: ACS Symposium Series (2000), 765 (Associative Polymers in Aqueous Media), 163-178

CODEN: ACSMC8; ISSN: 0097-6156

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Hydrophobically-modified, ethoxylated urethanes of narrow mol. wt. (uni-HEURs) were prepd. and the effect of hydrophobic group structure on soln. properties was detd. A linear hydrophobe (C12H25) and a branched hydrophobe (b-(C16H34)), of comparable hydrophobicity, were coupled to the

ends of a 29,500 Mn polyoxyethylene (POE) via a real telechelic process using 4,4'-methylenebis(cyclohexyl isocyanate), H12MDI. The aggregation no. of these model uni-HEUR solns. increase with polymer concn. and plateau at high polymer concns. However, at higher concns. the soln. viscosity of uni-HEUR **thickeners** with branched hydrophobes is higher than that of uni-HEUR with linear hydrophobes of the same effective carbon length, but lower than that of linear hydrophobes with an equiv. no. of carbon units per linear chain. It is the no. of hydrophobes in the aggregate and not the no. of chain ends that is important in building soln. viscosity. This is reflected by the longer relaxation time of the branched terminal hydrophobe uniHEUR in oscillatory rheol. studies. When H12MDI was used to couple larger hydrophobes to POE, the soln. viscosity increased dramatically and soft gels were obsd.; therefore, the influence of branching was examd. in greater detail using hexamethylene diisocyanate (HDI) to couple larger branched hydrophobes. Multiple branched hydrophobes in groups of six, varying in size from C10H21 to C16H33, were prep'd. These hydrophobe groupings were used to prep. terminal position and comb architecture uniHEURs.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L13 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1980:60301 CAPLUS

DOCUMENT NUMBER: 92:60301

TITLE: Leathery sheet material and process for the preparation thereof

INVENTOR(S): Mimura, Masahisa; Nakano, Isamu; Okawa, Nobuo; Tanaka,

Atsushi

PATENT ASSIGNEE(S): Teijin Ltd., Japan

SOURCE: Brit. UK Pat. Appl., 16 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2009192	A	19790613	GB 1978-43500	19781107
GB 2009192	B2	19820303		
JP 54068498	A2	19790601	JP 1977-133084	19771108
JP 57027232	B4	19820609		
US 4233359	A	19801111	US 1978-958906	19781108
			JP 1977-133084	19771108

PRIORITY APPLN. INFO.:
 AB The title material of improved flexibility, antistatic properties, and soil-resistance was manufd. by impregnating a fibrous web with 10-80% of a polyurethane compn. contg. 0.1-5.0% of a surfactant of mol. wt. 2500-30,000 comprising hydrophilic and hydrophobic components bound by urethane or amide bonds, the hydrophobic component comprising 30-80% of the surfactant and consisting of a polyoxyalkylene or polyester. Thus, a web of 2.5 denier 25-mm-long poly(ethylene terephthalate) fibers weighing 200 g/m2 was needlepunched at 800 punches/cm2, shrunk at 68.degree. in

H2O

to 62% of its original area, and oven-dried at 130.degree. and 0.10 kg/cm2

to give a 1.1-mm-thick nonwoven fabric weighing 290 g/m2. A surfactant was prepd. by treating 167 parts polytetramethylene glycol (mol. wt. 1975) with 31.9 parts diphenylmethane-4,4'-diisocyanate and 0.02

parts Et3N 40 min at 60.degree. before adding 101 parts polyethylene glycol (mol. wt. 1194), heating 40 min at 50.degree., and end-blocking by addn. of 0.06 parts BuNH2. Poly(butane adipate) (mol. wt. 1709) 535, polytetramethylene glycol (mol. wt. 1493) 311, 2,2-bis[4-(.beta.-hydroxyethoxy)phenyl]propane 126, diphenylmethane diisocyanate 670, Et3N 0.05, and MeCOEt 411 parts were heated 80 min at 50.degree. before adding 156 parts HO(CH2)4OH and 3.2 parts triethylene diamine. Heating was continued 4 h at 80.degree. with gradual addn. of 6789 parts MeCOEt to give a slurry contg. 20% **polyurethane** [71604-57-4] of particle diam. <10 .mu.. The slurry was blended with 2.5% surfactant and 25 parts H2O/100 parts slurry and the polyester web was padded in the slurry to give 440% pickup on wt. of fabric. The impregnated fabric was knife-coated with 750 g/m2 slurry, immersed 5 min in H2O at 30.degree., dried 30 min at 40.degree. and 70% relative humidity and 15 min at 110.degree. to give a 1.4-mm-thick leather substitute contg. 41.2% **polyurethane** and with bending stiffness 57 kg/cm2 and surface elec. resistance 8.5 .times. 107 .OMEGA..

=> file stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

24.89

28.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-4.34

-4.34

FILE 'STNGUIDE' ENTERED AT 15:21:30 ON 14 MAR 2002

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Mar 8, '2002 (20020308/UP).

=> d his

(FILE 'HOME' ENTERED AT 15:14:42 ON 14 MAR 2002)

FILE 'REGISTRY' ENTERED AT 15:14:51 ON 14 MAR 2002

L1 1 S 5124-30-1/RN
L2 1 S 109-83-1
L3 1 S 25322-68-3/RN
L4 1 S 108-01-0/RN
L5 1 S 112-89-0/RN
L6 2 S L2 OR L4

FILE 'CAPLUS' ENTERED AT 15:17:36 ON 14 MAR 2002

L7 0 S L1 AND L3 AND L6 AND L5
L8 0 S L1 AND L3 AND L5
L9 71 S L1 AND L3
L10 51 S L9 AND POLYURETHANE
L11 1 S L10 AND COSMETIC

L12 0 S L10 AND THICKEN
L13 6 S L10 AND THICK?

FILE 'STNGUIDE' ENTERED AT 15:21:30 ON 14 MAR 2002

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	28.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.34

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:21:51 ON 14 MAR 2002